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Replaces Form 1449A-B/PTO

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/580,987
Filing Date	May 25, 2006
First Named Inventor	Zhiwen Zhang
Group Art Unit	
Examiner Name	
Attorney Docket Number	54-001021US
Date Submitted	October 2, 2006

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
/ML/	1	7,045,337		Schultz et al.	05-2006	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T

Examiner Signature	/Maria Leavitt/	Date Considered	07/11/2008
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PTO/SB/08A (04-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	11/016348
Filing Date	December 16, 2004
First Named Inventor	Zhiwen Zhang
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	54-001020US
Date Submitted	March 22, 2005

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
/ML/	1	2003/0082575	A1	Schultz et al.	05-01-2003	
/ML/	2	2003/0108885	A1	Schultz et al.	06-12-2003	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				

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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	3	A. K. KOWAL, et al "Twenty-first aminoacyl-tRNA synthetase-suppressor tRNA pairs for possible use in site-specific incorporation of amino acid analogues into proteins in eukaryotes and in eubacteria", Proc. Natl. Acad. Sci. USA 98, 2268-2273 (2001).	
	4	SAKAMOTO et al., "Site-specific Incorporation of an Unnatural Amino Acid into Proteins in Mammalian Cells", N. A. Res., Vol. 30, No. 21 4692-4699, (2002).	

Examiner Signature	/Maria Leavitt/	Date Considered	07/11/2008
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	11/016348
Filing Date	December 16, 2004
First Named Inventor	Zhiwen Zhang
Group Art Unit	1632
Examiner Name	Unassigned
Attorney Docket Number	54-001020US
Date Submitted	February 16, 2006

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
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	1	CHIN ET AL. (2000) "An Expanded Eukaryotic Genetic Code." <i>Science</i> , 301: 304-306	
	2	PASTRNAK ET AL. (2000) "A New Orthogonal Suppressor tRNA/Aminoacyl-tRNA Synthetase Pair for Evolving an Organism with an Expanded Genetic Code." <i>Molecular Microbiology</i> 83: 2277-2286.	
	3	ULMAGOV ET AL. (1990) "Identity elements and aminoacylation of plant tRNA ^{Trp} ." <i>Nucleic Acids Research</i> , 26(22): 5139-5141.	

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